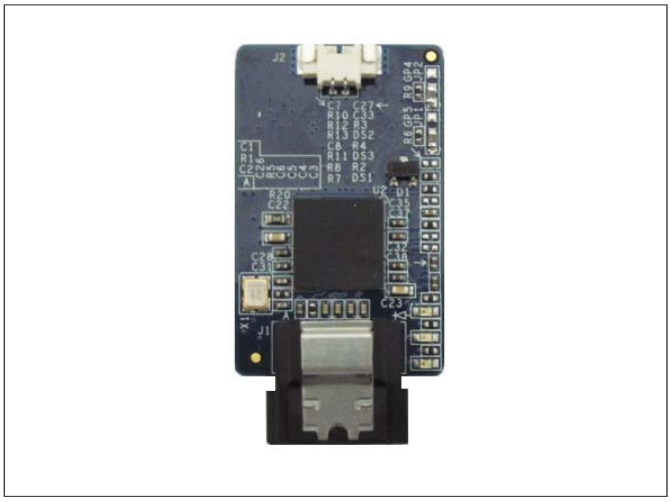
SUPER ★ TALENT®
THE BEST MEMORY

7-pin SATA DOM



If space is a limiting factor, Super Talent has a sleeker disk on module (DOM) design available for netbooks, small form factor computers, and embedded systems. Despite its small size, this flash based product takes advantage of multi-level cell (MLC) technology, allowing Super Talent to offer capacities as high as 32GB. The standard 7-pin SATA connection ensures speed performance while the built in error correcting code (ECC) and error detection and correction (EDC) protect the data's integrity.

Physical Specifications

Form Factor	7-pin SATA DOM
Capacity*	4GB – 32GB
Dimension	34 mm x 21 mm
Interface	SATA-II 3.0 Gb/s
Flash	MLC
Power Supply	5.0V +/- 10%

Performance Specifications

Device	Sequential Read Max (MB/Sec)	Sequential Write Max (MB/Sec)
SM4GN657V(H)	25	10
SM8GN757V(H)	35	10
SM16N857V(H)	35	20
SM32N957V(H)	45	20

Environmental Specifications

Operating Shock	1500G
Operating Vibration	16G
Operating Temp.	0°C to 70°C (Commercial)

OEM Ordering Information

Capacity	Part Number
4GB	SM4GN657V(H)
8GB	SM8GN757V(H)
16GB	SM16N857V(H)
32GB	SM32N957V(H)

Reliability Specifications

Warranty	2 years
Error Correction	Built in ECC/EDC functionality
Wear Leveling Algorithm	Dynamic and static wear-leveling

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*Usable capacity may be less than specified after formatting. Performance varies depending on application and system configuration.